



National Weather Service

Storm Data and Unusual Weather Phenomena



May 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KANSAS, Southeast

Sumner County

Perth	03	1823CST			0	0			Hail(1.00)
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Harper County

Waldron	03	1825CST			0	0			Hail(0.88)
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Harper County

Waldron	03	1834CST			0	0			Hail(1.75)
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Sumner County

3 SW Mayfield to 10 N Mayfield	03	1835CST 1913CST	12	440	0	0	250K		Tornado (F1)
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Minor roof damage inflicted to a business in Mayfield. Just north of Mayfield, a metal outbuilding was partially unroofed with minor roof damage inflicted to the adjacent house. The tornado then hit a farmstead where windows were broken on the south and west sides of the house, a satellite dish tilted over, two metal grain bins removed and a metal barn damaged when one of the grain bins was thrown into it. Near termination, major damage was inflicted to two mobile homes, one of which was thrown about 50 feet and destroyed on impact with a row of trees.

Sedgwick County

Haysville	03	1848CST			0	0			Hail(0.75)
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Sedgwick County

Wichita	03	1853CST			0	0			Hail(1.00)
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Sedgwick County

Wichita	03	1856CST			0	0			Hail(1.75)
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Sedgwick County

Wichita	03	1902CST 1904CST			0	0			Hail(1.00)
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Sumner County

4 N Wellington to 6 W Mulvane	03	1913CST 1930CST	10	880	0	4	750K		Tornado (F1)
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Initial touchdown occurred 4 miles north of Wellington in Central Sumner County where several power poles were knocked down. Moving north-northeast near 30 kts, the tornado inflicted damage to about 15 structures including complete destruction of two mobile homes, a pole barn, two wood sheds and one metal shed. Also damaged were a ranch style home and a metal shed, both of which lost most of their roofing. This tornado was responsible for all 4 injuries in Sumner County. Of the injuries, 3 occurred (1 serious) in the two destroyed mobile homes. While in Sumner County, this tornado possessed a path 10 miles long and 1/4 to 1/2 mile wide. It would exit Sumner County at 1930, continuing a north-northeast track into Sedgwick County.

Sedgwick County

Peck to Wichita	03	1930CST 1955CST	14	880	6	150	140M		Tornado (F4)
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					Killed	Injured	Property Crops	

KANSAS, Southeast

The same tornado that initially touched down 4 miles north of Wellington in Central Sumner County, SKYWARN reports indicate the tornado crossed the Sumner/Sedgwick County line at 1930, 1 mile west of Peck. Moving northeast at 30 kts, the tornado hit Haysville at 1935, destroying a subdivision just southwest of the South Seneca-South 87th Street intersection where the first 2 fatalities occurred in a mobile home park when a woman and her grandson were killed while running for shelter. (A 6th fatality resulted when an elderly man died from his injuries at a Wichita hospital on May 23rd.) The tornado then moved north along South Seneca Avenue, entering the Haysville Central Business District at 1938. The 3rd fatality occurred at this point when an elderly man was killed in a mobile home at South 75th Street. At the South Seneca/South 71st Street intersection, most of the businesses were heavily damaged or destroyed. Damage summary for Haysville (damaged or destroyed): 150 homes, 27 businesses, 3 churches, 1 library, 4 historic buildings and 1 lodge.

The tornado entered South Wichita at 1943 when it crossed South 55th Street. The tornado then veered slightly toward the northwest. At South 47th Street it reassumed a northeast track. Crossing MacArthur Avenue, the tornado leveled the Lakeshore and Pacesetter mobile home parks located just northeast of the South Seneca/MacArthur intersection where the 4th and 5th fatalities occurred, one at each mobile home park. At 1945, the tornado crossed the East Harry Street interchange on I-135 and continued to move northeast, lifting in the College Hill District in Northeast Wichita. Along this entire track, the tornado left a path of destruction 14 miles long and 1/4 to 1/2 mile wide. Damage summary for Sedgwick County: 8,480 buildings (all types) damaged or destroyed. Of these, 2,456 were at least 50% destroyed and 1,109 totally destroyed. M27MH, F43OU, M1OU, M83MH, M68MH, M78MH

Butler County 3 SW Augusta	03	2015CST	0	55	0	0		Tornado (F0) Brief touchdown in open country.
Sumner County Mulvane	04	0004CST			0	0		Hail(0.88)
Butler County Andover	04	0715CST 1050CST			0	0		Flash Flood Flash flooding from torrential rains resulted in the closure of 21st Street and Central Avenue with Andover Road limited to one-lane traffic.
Chautauqua County Cedar Vale	04	0715CST			0	0		Hail(0.88)
Chautauqua County Cedar Vale	04	0733CST 1000CST			0	0		Flash Flood Torrential rains of 2-3 inches flooded Highway 166 at Cedar Vale.
Butler County Towanda to 5 N Towanda	04	0800CST 1050CST			0	0	500K	Flash Flood Major flash flooding occurred in Northwest Butler County along Four Mile Creek, a tributary of the Whitewater River. Several houses were reported in high water. In Towanda, the torrential rains caused widespread street flooding.
Russell County Russell	04	1127CST			0	0		Hail(0.75)
Russell County Russell	04	1128CST			0	0		Hail(1.00)
Russell County Bunker Hill	04	1219CST			0	0		Hail(1.75)



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<u>KANSAS, Southeast</u>								
Reno County								
Hutchinson	04	1241CST			0	0		Hail(0.75)
Reno County								
Buhler	04	1254CST			0	0		Hail(1.75)
Reno County								
2 W Buhler to 3 N Buhler	04	1302CST 1308CST	3	150	0	0	1M	Tornado (F1)
At Buhler, a subdivision consisting of 37 homes was hit. Of the 37 homes damaged, 3 were destroyed, 4 sustained major damage and 30 minor damage. This tornado would continue a northeast track into Southwest McPherson County where it skipped along Highway 61.								
Mcpherson County								
13 SW Mc Pherson to 3 SW Mc Pherson	04	1308CST 1318CST	5	100	0	0	50K	Tornado (F1)
Initial damage occurred 3.5 miles SW of Inman where an old barn collapsed and trees were uprooted. The greatest damage occurred 3-4 miles east of Inman where one house sustained minor roof damage, a circle irrigation system was destroyed, a tin cattleshed was destroyed, and an irrigation pipe was wrapped around trees. As the tornado continued a northeast track along and just east Highway 61, it inflicted more tree damage as well as damaging part of the wheat crop as it passed 2 miles southeast of Groveland before lifting 3 miles southwest of McPherson. Though possessing an overall track of 10 miles from point of entry into McPherson County to dissipation, the tornado skipped, never maintaining ground contact for more than 2 miles at a time with the segments totalling about 5 miles.								
Saline County								
15 SW Salina to 10 W Salina	04	1308CST 1330CST	5	55	0	0		Tornado (F0)
Remained over open country.								
Ellsworth County								
5 SE Carneiro to 4 SE Carneiro	04	1315CST	1	55	0	0		Tornado (F0)
Remained over open country.								
Mcpherson County								
5 S Mc Pherson to 3 S Mc Pherson	04	1323CST	2	55	0	0		Tornado (F0)
Remained over open country.								
Mcpherson County								
Mc Pherson	04	1343CST			0	0		Hail(1.25)
Lincoln County								
5 W Ash Grove to 4 NW Ash Grove	04	1345CST 1354CST	5	55	0	0		Tornado (F0)
Remaining over open country, the tornado crossed the Lincoln/Mitchell County line, 4 miles northwest of Ash Grove where it lifted just west of Hunter in extreme Southwest Mitchell County.								
Marion County								
3 NW Marion to 2 NE Lincolnville	04	1535CST 1555CST	15	220	0	0	50K	Tornado (F1)
Initial touchdown occurred over eastern Marion Reservoir at approximately 1535. Moving northeast at 30 kts, the tornado passed near Lincolnville and then just to the east of Lost Springs where it crossed into southwest Morris County. Extensive damage was inflicted upon one home just southeast of Lost Springs where the garage was destroyed and part of roof was lost.								
Marion County								
2 NE Lincolnville	04	1547CST			0	0		Hail(1.75)



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<u>KANSAS, Southeast</u>								
Labette County Edna	04	2034CST			0	0		Hail(1.00)
Labette County 3 SW Dennis	04	2038CST 2045CST			0	0	25K	Thunderstorm Wind (G56)
								Roof was torn off a metal barn.
Neosho County Erie	04	2038CST			0	0		Hail(0.75)
KSZ047-068-083-100			Barton - Harvey - Sedgwick - Labette					
	04 09	2040CST 2355CST			0	0	15K	High Wind (G61)
								Outflow from dissipating thunderstorms over western Kansas induced sustained winds of 52-61kts across most of Barton County downing power lines in Great Bend.
Labette County Oswego	04	2046CST			0	0		Hail(0.75)
Labette County 4 E Altamont	04	2050CST			0	0		Hail(1.00)
Sedgwick County Anness	10	0002CST			0	0		Hail(1.00)
Sedgwick County Clearwater	10	0037CST			0	0		Hail(1.50)
Sedgwick County Peck	10	0055CST			0	0		Hail(0.75)
Sedgwick County Wichita	10	0255CST			0	0		Hail(0.75)
								Reported in South Wichita.
Ellsworth County Black Wolf	10	1736CST			0	0		Hail(0.75)
Ellsworth County 3 S Wilson	10	1811CST			0	0		Hail(1.00)
Lincoln County 2 NW Barnard	10	1815CST			0	0		Hail(1.00)
Barton County 7 S Great Bend	10	1816CST			0	0		Hail(1.00)
Barton County 3 SW Claflin to 2 NE Claflin	10	1820CST 1835CST	5	110	0	0	100K	Tornado (F1)
								In Claflin, one farmstead sustained damage where top half of barn was destroyed, grainery destroyed, grain bin disappeared, and chicken house lost nearly 2/3 of it's roof.
Barton County 11 SE Great Bend	10	1830CST			0	0		Hail(1.00)
Ellsworth County 1 SW Holyrood	10	1845CST			0	0		Hail(0.75)
Rice County 2 E Bushton to 3 NE Bushton	10	1916CST 1918CST	1	55	0	0		Tornado (F0)
								Remained over open country.
Rice County 3 NW Lyons	10	2030CST 2033CST			0	0		Thunderstorm Wind (G52)



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<u>KANSAS, Southeast</u>									
Kingman County Willowdale	10	2251CST			0	0			Hail(0.75)
Kingman County 2 N Belmont	10	2335CST			0	0			Hail(0.75)
Woodson County Yates Center	11	1759CST			0	0			Hail(0.75)
Montgomery County 3 NE Liberty	11	1815CST			0	0			Hail(0.75)
Labette County Dennis	11	1859CST			0	0			Hail(0.75)
Neosho County 5 SE Erie	11	1905CST			0	0			Hail(0.75)
Labette County Dennis	11	1907CST			0	0			Thunderstorm Wind (G52)
Neosho County Thayer	11	2000CST			0	0			Hail(0.75)
Neosho County Galesburg	11	2010CST			0	0			Hail(1.00)
Neosho County 4 W Erie	11	2020CST			0	0			Hail(1.00)
Montgomery County 1 S Independence	11 12	2359CST 0100CST			0	0			Flash Flood
Onion Creek flooded, closing S. 10th St.									
Kingman County Kingman	16	1716CST			0	0			Hail(0.75)
Marion County 3 E Durham	16	1728CST	0	55	0	0			Tornado (F0)
Brief touchdwn in open country.									
Kingman County 4 E Kingman	16	1734CST			0	0			Hail(0.75)
Harvey County 2 S Patterson	16	1738CST			0	0			Hail(1.00)
Marion County 1 W Ramona	16	1740CST			0	0			Hail(0.75)
Kingman County 5 S Kingman	16	1755CST			0	0			Hail(2.75)
Marion County 5 SE Durham to 5 SW Lincolnville	16	1800CST 1808CST	2	440	0	0	75K		Tornado (F1)
Four outbuildings and two vehicles destroyed.									
Harvey County Halstead	16	1808CST			0	0			Hail(0.75)
Kingman County Belmont	16	1810CST	0	55	0	0			Tornado (F0)
Brief touchdown in open country.									
Kingman County 3 W Kingman to 2 SW Murdock	16	1820CST 1829CST	4	110	0	0			Tornado (F0)



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KANSAS, Southeast

Remained over open country.

Marion County
4 W Hillsboro to
4 W Durham

16 1841CST
1858CST 10 110 0 0 Tornado (F0)

Remained over open country.

Sedgwick County
Cheney

16 1841CST 0 0 Hail(1.75)

Kingman County
Mt Vernon

16 1905CST 0 0 Hail(0.75)

Kingman County
5 SE Kingman

16 1950CST 0 0 Hail(0.75)

Kingman County
Belmont

16 1951CST 0 0 Hail(1.00)

Marion County
3 NE Lehigh

16 1955CST 0 0 Hail(0.75)

Sedgwick County
Wichita

16 2001CST 0 0 Hail(1.75)

Kingman County
Belmont

16 2013CST 0 0 Hail(0.88)

Sedgwick County
Wichita

16 2110CST
2119CST 0 0 Hail(0.75)

Butler County
7 S Whitewater

16 2118CST 0 0 Hail(0.75)

Sedgwick County
Wichita

16 2120CST
2359CST 0 0 250K Flash Flood

Torrential rains caused widespread flooding across the Wichita metropolitan area with water as much as 3 feet deep in some areas. In Northwest Wichita, flash flooding broke out windows at one residence causing water to flow into the basement.

Sedgwick County
Wichita

16 2130CST
2131CST 0 0 Thunderstorm Wind (G52)

Tree limbs blown down at intersection of West 29th Street and Amidon.

Barton County
Albert

16 2255CST 0 0 175K Hail(1.75)

Golfball-sized hail damaged farm dwellings and approximately 70% of total acreage.

Barton County
2 NW Great Bend

16 2303CST 0 0 Hail(1.00)

Barton County
3 N Albert

16 2312CST 0 0 Hail(1.75)

Barton County
3 N Albert

16 2312CST 0 0 Thunderstorm Wind (G61)

Barton County
Ellinwood

16 2315CST 0 0 Thunderstorm Wind (G56)

Saline County
2 E Salina

16 2315CST 0 0 Hail(0.88)

Barton County
2 E Hoisington

16 2317CST 0 0 1K Hail(1.75)

All windows broken on west side of house.



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<u>KANSAS, Southeast</u>									
Barton County									
Great Bend	16	2320CST			0	0			Hail(0.75)
Ellsworth County									
2 SW Holyrood	16	2336CST 2340CST			0	0			Hail(1.75)
Golfball-sized hail damaged approximately 15,000 acres of crops including 20-30% of the wheat crop									
Rice County									
Lyons	16	2349CST			0	0			Hail(0.75)
Rice County									
Silica to Chase	16 17	2350CST 0015CST			0	0	100K		Hail(1.75)
Marble to golfball-sized hail damaged roofs, vehicles, numerous trees and broke windows. A total of 85,000 acres of farmland (wheat, corn and alfalfa) were affected.									
Rice County									
Silica to Chase	16 17	2350CST 0015CST			0	0			Thunderstorm Wind (G52)
Ellsworth County									
10 E Lorraine	16	2353CST			0	0			Thunderstorm Wind (G52)
Wilson County									
Fredonia	16	2355CST			0	0			Hail(0.75)
KSZ082		Kingman							
	17	0001CST 0200CST			0	0			Flood
Several roads under water in Murdock.									
Allen County									
Iola to La Harpe	17	0020CST 0030CST			0	0			Thunderstorm Wind (G61)
Numerous trees blown down, a few with trunks 2 feet in diameter.									
Neosho County									
Erie to 2 SW Erie	17	0035CST 0045CST			0	0	2.5K		Thunderstorm Wind (G52)
Large tree blown into a house in Erie.									
Russell County									
3 SW Bunker Hill	20	1515CST			0	0			Hail(0.75)
Barton County									
2 NE Hoisington	20	1525CST			0	0			Hail(0.75)
Ellsworth County									
Ellsworth	20	1625CST			0	0			Hail(0.75)
Barton County									
3 NW Odin	20	1655CST 1755CST			0	0			Flash Flood
Street flooding.									
Ellsworth County									
Ellsworth	20	1705CST 1805CST			0	0			Flash Flood
Street flooding in Ellsworth.									
Saline County									
Salina	20	1753CST 1853CST			0	0			Flash Flood
Considerable street flooding.									



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<u>KANSAS, Southeast</u>									
Mcpherson County 3 SW Inman	20	1821CST			0	0			Hail(0.75)
Mcpherson County 3 S Moundridge	20	1917CST			0	0			Hail(0.88)
Mcpherson County Moundridge	20	1919CST			0	0			Hail(1.75)
Kingman County 1 S Zenda	20	1945CST			0	0			Thunderstorm Wind (G52)
Sedgwick County Bentley	20	2020CST			0	0			Hail(0.75)
Sedgwick County 2 NE Furley	20	2026CST			0	0			Hail(0.88)
Butler County 5 NW El Dorado	20	2053CST			0	0			Thunderstorm Wind (G52)
Butler County Douglass	20	2110CST			0	0			Thunderstorm Wind (G52)
Sedgwick County Wichita	20	2130CST 2230CST			0	0			Flash Flood
		Street flooding.							
Cowley County 2 W Arkansas City to 1 S Arkansas City	22	1150CST 1210CST			0	0			Hail(1.00)
		Hail ranged from 0.75 to 1.00 inch.							
Cowley County 15 NE Arkansas City	22	1414CST			0	0			Hail(0.75)
Cowley County 1 E Winfield to 3 S Udall	22	1423CST			0	0			Hail(0.75)
Cowley County 10 E Arkansas City	22	1500CST			0	0			Hail(0.75)
Cowley County Winfield	22	1520CST 1620CST			0	0			Flash Flood
		Roads flooded near state hospital and 1 mile north of Highway 160 in West Winfield.							
Russell County Russell	22	2024CST			0	0			Thunderstorm Wind (G53)
Russell County Lucas	22	2025CST 2035CST			0	0	100K		Thunderstorm Wind (G61)
		Home and building damage, large grain bins and an elevator leg destroyed as well as head stone damage and grave markers blown over.							
Lincoln County 4 NW Sylvan Grove to 2 W Lincoln	22	2040CST 2048CST			0	0			Hail(0.75)
Saline County 1 SW Salina	22	2130CST			0	0	50K		Thunderstorm Wind (G52)
		About 10 power poles blown down.							
Reno County Hutchinson	22	2139CST			0	0			Thunderstorm Wind (G50)



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<u>KANSAS, Southeast</u>									
Chase County									
1 NW Elmdale	22	2225CST			0	0			Thunderstorm Wind (G52)
Chase County									
3 E Cottonwood Falls	22	2227CST			0	0			Hail(0.88)
Butler County									
Potwin	22	2234CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
3 SE Westfall	30	1806CST			0	0			Hail(1.75)
Saline County									
2 N Glendale	30	1823CST 1829CST			0	0			Hail(1.00)
Saline County									
1 S Glendale	30	1829CST			0	0			Hail(0.75)
Saline County									
2 S Glendale	30	1845CST			0	0			Hail(1.75)
Saline County									
7 NW Salina	30	1850CST			0	0			Hail(1.75)
Saline County									
8 E Glendale	30	1852CST			0	0			Hail(1.75)
Saline County									
1 E Hedville	30	1915CST			0	0			Hail(1.75)
Saline County									
4 NW Salina	30	1928CST			0	0			Hail(0.75)
Harper County									
6 SW Attica	31	0115CST			0	0			Hail(1.00)
Sedgwick County									
Wichita	31	0200CST			0	0			Hail(1.25)
		Occurred at 21st St./Webb Rd. intersection in East Wichita.							
Sedgwick County									
Wichita	31	0205CST			0	0			Hail(0.88)
		Occurred in South Wichita.							
Butler County									
Rose Hill	31	0211CST			0	0			Hail(0.75)
Butler County									
Smileyburg	31	0230CST			0	0			Hail(0.75)
Cowley County									
Burden	31	0235CST 0238CST			0	0			Thunderstorm Wind (G61)
		Gusts ranged from 52-61kt.							
Cowley County									
Burden	31	0238CST			0	0			Hail(0.75)
Russell County									
10 N Russell	31	1914CST			0	0			Hail(1.75)
Russell County									
7 SW Paradise	31	1915CST			0	0			Hail(1.00)
Russell County									
Russell	31	1926CST			0	0			Thunderstorm Wind (G50)
		Measured at Radio Station KRSL.							



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<u>KANSAS, Southeast</u>									
Russell County									
7 N Dorrance	31	2000CST			0	0			Hail(1.00)
Lincoln County									
5 SW Sylvan Grove	31	2010CST			0	0			Hail(1.00)
Ellsworth County									
7 N Ellsworth	31	2030CST			0	0			Hail(1.75)
Ellsworth County									
6 N Ellsworth	31	2035CST			0	0			Hail(1.75)
Ellsworth County									
6 N Ellsworth	31	2035CST			0	0			Thunderstorm Wind (G52)
Ellsworth County									
2 N Ellsworth to Ellsworth	31	2040CST 2045CST	2	55	0	0	11K		Tornado (F0)
Several steel plates 3 feet X 20 feet were blown more than 100 feet, the Ellsworth Service Center was damaged, and several trees were blown down.									
Ellsworth County									
10 NE Ellsworth	31	2041CST			0	0			Hail(2.75)
Occurred at I-70/K-156 interchange.									
Ellsworth County									
17 NE Ellsworth	31	2059CST			0	0			Hail(1.00)
Saline County									
Brookville	31	2120CST			0	0			Hail(1.75)
Windows broken.									
Saline County									
Salina	31	2210CST			0	0			Flash Flood
Streets flooded in Salina.									